

WHAT IS CLAIMED IS:

1 1. For use in association with a subscriber premises, an
2 apparatus for providing broadband access to a fixed wireless
3 network:

4 a subscriber access device capable of being mounted on an
5 exterior portion of said subscriber premises, said subscriber
6 access device comprising a wireless transceiver capable of
communicating with said fixed wireless network and at least one of
a data interface capable of communicating with a data processing
device within said subscriber premises and a voice interface
capable of communicating with a telephony device within said
subscriber premises; and

 a backup power supply capable of providing power to said
subscriber access device in the event of a failure of main AC power
in said subscriber premises.

1 2. The apparatus as set forth in Claim 1 wherein said backup
2 power supply is disposed within said subscriber premises.

1 3. The apparatus as set forth in Claim 1 wherein said backup
2 power supply is disposed outside said subscriber premises.

1 4. The apparatus as set forth in Claim 1 further comprising
2 a power monitor capable of detecting at least one of: 1) a low
3 power condition on said backup power supply and 2) said failure of
4 said main AC power and, in response to said detection, transmitting
5 an alarm to said fixed wireless network via said subscriber access
6 device.

5 5. The apparatus as set forth in Claim 1 further comprising
6 a mezzanine interface coupled to said wireless transceiver and
7 capable of receiving a removable module capable of communicating
8 with said data processing device.

9 6. The apparatus as set forth in Claim 5 wherein said
10 removable module comprises a T1/E1 module capable of communicating
11 via a T1/E1 line within said subscriber premises.

12 7. The apparatus as set forth in Claim 5 wherein said
13 removable module comprises a T3/E3 module capable of communicating
14 via a T3/E3 line within said subscriber premises.

1 8. The apparatus as set forth in Claim 5 wherein said
2 removable module comprises a wireless LAN transceiver capable of
3 communicating wirelessly with said data processing device.

1 9. The apparatus as set forth in Claim 1 wherein said data
2 interface is capable of communicating with said data processing
3 device within said subscriber premises using a dedicated data
4 networking interface.

10. The apparatus as set forth in Claim 9 wherein said data
interface is capable of communicating with said data processing
device within said subscriber premises using an Ethernet network
protocol.

11. The apparatus as set forth in Claim 9 wherein said data
interface is one of a 10Base-T Ethernet interface, a 100Base-T
3 Ethernet interface, and a 1000Base-T Ethernet interface.

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1 14. For use in association with a subscriber premises, an
2 apparatus for providing broadband access to a wireline network:

3 a subscriber access device capable of being mounted on an
4 exterior portion of said subscriber premises, said subscriber
5 access device comprising a wireline transceiver interface capable
of communicating with said wireline network and at least one of a
data interface capable of communicating with a data processing
device within said subscriber premises and a voice interface
capable of communicating with a telephony device within said
subscriber premises; and

 a backup power supply capable of providing power to said
subscriber access device in the event of a failure of main AC power
in said subscriber premises.

1 15. The apparatus as set forth in Claim 14 wherein said
2 backup power supply is disposed within said subscriber premises.

1 16. The apparatus as set forth in Claim 14 wherein said
2 backup power supply is disposed outside said subscriber premises.

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1 21. The apparatus as set forth in Claim 18 wherein said
2 removable module comprises a wireless LAN transceiver capable of
3 communicating wirelessly with said data processing device.

1 22. The apparatus as set forth in Claim 14 wherein said data
2 interface is capable of communicating with said data processing
3 device within said subscriber premises using a dedicated data
networking interface.

1 23. The apparatus as set forth in Claim 22 wherein said data
2 interface is capable of communicating with said data processing
3 device within said subscriber premises using an Ethernet network
protocol.

1 24. The apparatus as set forth in Claim 22 wherein said data
2 interface is one of a 10Base-T Ethernet interface, a 100Base-T
3 Ethernet interface, and a 1000Base-T Ethernet interface.

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